

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
15 March 2001 (15.03.2001)

PCT

(10) International Publication Number  
WO 01/18535 A2

(51) International Patent Classification: G01N 27/22

(74) Agent: PRINS, Ir., A., W.; Vereenigde, Nieuwe Parklaan  
97, NL-2587 BN The Hague (NL).

(21) International Application Number: PCT/NL00/00639

(22) International Filing Date:  
11 September 2000 (11.09.2000)

(25) Filing Language: Dutch

(26) Publication Language: English

(30) Priority Data:  
1013012 9 September 1999 (09.09.1999) NL

(71) Applicant (for all designated States except US): TELE-  
SENSING HOLDING B.V. [NL/NL]; Kruislaan 400,  
NL-1098 SM Amsterdam (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DE HAAN, Peter,  
Hillebrand [NL/NL]; Hof Van Delftlaan 118, NL-2613  
BS Delft (NL). VAN DE LEUR, Roland, Henri, Marie  
[NL/NL]; Iep 52, NL-5682 HK Best (NL).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ,  
DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,  
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,  
TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian  
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European  
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,  
IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG,  
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— Without international search report and to be republished  
upon receipt of that report.

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: SENSOR FOR DETECTING THE PRESENCE OF MOISTURE

(57) Abstract: The invention relates to a sensor for detecting the presence of moisture. The sensor comprises an electric circuit and ICPs. Electric properties of the ICPs are dependent on the amount of moisture with which they come into contact. The electric circuit is arranged for detecting a change of the electric properties of the ICPs for detecting moisture. The ICPs form part of a capacity, the electric circuit being arranged for detecting a change of the capacity for detecting moisture.

WO 01/18535 A2